

CLAIMS

I Claim:

1. A retaining wall comprising:
5 a base formed from a first row of building blocks;
a wall assembly supported on the base, the wall assembly including a plurality of
vertically stacked rows of building blocks, the wall assembly having a front face and a rear
face;
the building blocks being formed of fiber reinforced cellular cementitious material;
10 and
a plurality of spaced apart elongated vertically extending reinforcing strips fixed to
one of the front face and the rear face of the wall assembly, the reinforcing strips each
being secured to the wall assembly by a plurality of fasteners, the fasteners each extending
through the reinforcing strips and into the building blocks forming the wall assembly.
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2. A retaining wall as set forth in claim 1, wherein the fiber reinforced cellular
cementitious material is made from cementitious material mixed with water, fiber and
aerating material.
- 20 3. A retaining wall as set forth in claim 2, wherein the cementitious material
makes up approximately less than about 83% of the total weight of the building blocks, the
water makes up approximately less than about 30% of the total weight of the building
blocks, the fiber makes up approximately less than 4% of the total weight of the building
blocks, and the aerating material makes up approximately less than 1% of the total weight
25 of the building blocks.
4. A retaining wall as set forth in claim 3, wherein the cementitious material
comprises cement, fly ash and silica fume or other pozzolans, and wherein the cement
makes up approximately less than about 40% of the total weight of the building blocks, the
30 fly ash makes up approximately less than about 50% of the total weight of the building
blocks, and the silica fume or other pozzolans makes up approximately less than about
25% of the total weight of the building blocks.

5. A retaining wall as set forth in claim 1, wherein the fiber-reinforced cellular cementitious material is made from cement which makes up approximately 18-40% of the total weight of the building blocks, fly ash which makes up approximately less than about 50% of the total weight of the building blocks, silica fume or other pozzolans which makes up approximately less than about 25% of the total weight of the building blocks, fiber which makes up approximately 0.4-3.2% of the total weight of the building blocks, and an aerating material.